

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A low-pressure gas discharge lamp that comprises, in a gas-discharge vessel, one or more inert gases as a buffer gas or gases, an indium halide and means for producing and maintaining a low-pressure gas discharge, characterized in that the indium halide is present as a monohalide and present in addition is a means that binds oxygen and water.
2. (original) A low-pressure gas discharge lamp as claimed in claim 1, characterized in that the means that binds oxygen and water binds oxygen and the oxygen in water more strongly, and halogen more weakly, than indium does.
3. (currently amended) A low-pressure gas discharge lamp as claimed in ~~claims 1 and 2~~claim 1, characterized in that indium, gallium, germanium, boron, molybdenum and/or tungsten is present as the means that binds oxygen and water.
4. (currently amended) A low-pressure gas discharge lamp as claimed in ~~claims 1 to 3~~claim 1, characterized in that it comprises

an inert gas from the group helium, neon, argon, krypton and/or xenon as a buffer gas.

5. (currently amended) A low-pressure gas discharge lamp as claimed in ~~claims 1 to 4~~claim 1, provided with capacitive means for excitation and maintaining a low pressure discharge comprising at least one external electrode and means for maintaining a high frequency alternating field.

6. (currently amended) A low-pressure gas discharge lamp as claimed in ~~claims 1 to 4~~claim 1, provided with electrical means for excitation and maintaining a low pressure discharge comprising at least one internal electrode made from high-melting material.

7. (original) A low-pressure gas discharge lamp as claimed in claim 6, wherein the internal electrode is provided with a material of low work function.

8. (currently amended) A low-pressure gas discharge lamp as claimed in ~~claims 1 to 4~~claim 1, provided with inductive means for excitation and maintaining a low pressure discharge selected from the group comprising coils and antennae and means for maintaining a high frequency alternating field.

9. (currently amended) Illumination system, comprising a low pressure discharge lamp according to claim 1 ~~to 8~~.

10. (original) Illumination system according to claim 9, selected from the group of tanning devices, backlighting of LCD-displays, UV-disinfection devices and UV-curing devices.